

19990116.ba v02_n383.bam.990116

>From ???@??? Sun Jan 17 13:04:34 1999
Message-Id: <199901162313.RAA20972@sco.theporch.com>
Date: Sat, 16 Jan 1999 17:12:27 CST
From: Old Tube Radios <boatanchors@theporch.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: BOATANCHORS digest 2383

BOATANCHORS Digest 2383

Topics covered in this issue include:

- 1) Re: De-Gassing Power Tubes
by "Barry L. Ornitz" <ornitz@tricon.net>
- 2) Re: list BOATANCHORS: List Message Rejected
by "Barry L. Ornitz" <ornitz@tricon.net>
- 3) Anyone in Northern New Jersey want a good deal on a signal generator???
by "Barry L. Ornitz" <ornitz@tricon.net>
- 4) Re:
by jackiv@juno.com (John M Iverson)
- 5) Thanks to List members, re request for help
by Jim Garland W8ZR <4CX250B@miavx1.acs.muohio.edu>
- 6) Re: Conditioning tubes, how to?
by David Stinson <arc5@ix.netcom.com>
- 7) Looking for an SX-28A
by zeitler@ibm.net
- 8) free military crystals
by Brian.Harris@sv.sc.philips.com (Brian Harris)
- 9) Re: "ST" = "shouldered tubular"
by polepeeg@aaa4rm.ba-watch.org (Marty's Refl. Drop)
- 10) Re: Conditioning tubes, how to?
by "Roberta J. Barmore" <rbarmore@indy.net>
- 11) Re: De-Gassing Power Tubes
by polepeeg@aaa4rm.ba-watch.org (Marty's Refl. Drop)
- 12) Re: Conditioning tubes, how to?
by Jerry Proc <jproc@idirect.com>
- 13) Knight T-60 FS
by "Wallace Gibbons" <rockwall@tcsourseone.com>
- 14) Re: On line tube info
by "Deane D McIntyre" <dmcintyr@ucalgary.ca>
- 15) Re: 4-65A date ?
by W0EOM@aol.com
- 16) UTC 30 watt modulation xfmr...
by Sandy W5TVW <ebjr@worldnet.att.net>
- 17) Re: De-Gassing Power Tubes
by "Owens, Clarence" <owensc@nebeng.otis.com>
- 18) berkeley power supply

by luc dugas <collins2@globetrotter.net>
19) FS: E F Johnson TR Switch
by AA5QT@aol.com
20) Re: "ST" = "shouldered tubular"
by jackiv@juno.com (John M Iverson)
21) FS: NIB 51J-4 Dial Drum
by Dick Dillman <ddillman@igc.apc.org>
22) FS: Miniature Key
by Dick Dillman <ddillman@igc.apc.org>
23) FS: Jackson Tube Tester
by Dick Dillman <ddillman@igc.apc.org>

From: "Barry L. Ornitz" <ornitz@tricon.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: De-Gassing Power Tubes
Date: Fri, 15 Jan 1999 23:57:34 -0500
Message-ID: <01be410c\$bad3ac80\$554d62d8@ornitz.dpnnet.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Dave Stinson wrote about old power tubes:

>I've had some success "degassing" them by getting
>the plates hot for several hours-- a fix suggested by
>several people. I'm told that getting them to glow
>will do the job better and faster.
>
>Has anyone else saved power tubes from the trash can
>this way?

This procedure depends very much on what the gases are. Oxygen may likely react with the plate and be removed (and possibly a small amount of nitrogen depending on what the plate material is made from). But excessive heating of the plate can also release previously trapped gases. This is a problem with some "new" tubes from China since they seem to have a problem properly degassing their metals before manufacture. In some cases, the high temperature can release some previously unused getter material from within the getter assembly in the tube.

The thing to remember is that if the tube is unusable due to gas, this procedure can do no more damage. If it makes the tube usable, consider yourself lucky. If it does not, all you have lost is a few cents worth of electricity!

73, Barry WA4VZQ ornitz@tricon.net

From: "Barry L. Ornitz" <ornitz@tricon.net>
To: Old Tube Radios <boatanchors@theporch.com>
Cc: <listown@jackatak.theporch.com>
Subject: Re: list BOATANCHORS: List Message Rejected
Date: Sat, 16 Jan 1999 01:23:59 -0500
Message-ID: <01be4118\$cdb27dc0\$554d62d8@ornitz.dpnnet.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="utf-8"
Content-Transfer-Encoding: 7bit

I have never seen this one before!!! Just how many command words are there, Jack?

>Your recent message to the BOATANCHORS list has been
>rejected for the following reason:
>
>The following string matched one of ListProc's command words:
> SIGNAL
>Hence, your message looks like it was intended for the ListProc server,
>rather than for a particular list. If you are trying to send server
>commands, please send them to listproc@theporch.com. If you
>were trying to send a message to the list, please rephrase your message
>so the command word does not appear at the beginning of a message line.

Before Christmas, I ran across a posting on Usenet for a Measurements 65B
_signal generator at an excellent price. I jumped on it immediately, and
^
^Added to not confuse the listproc!

73, Barry WA4VZQ ornitz@tricon.net

From: "Barry L. Ornitz" <ornitz@tricon.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Anyone in Northern New Jersey want a good deal on a signal generator???
Date: Sat, 16 Jan 1999 01:35:30 -0500
Message-ID: <01be411a\$691e4860\$554d62d8@ornitz.dpnnet.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Before Christmas, I ran across a posting on Usenet for a Measurements 65B
Signal generator at an excellent price. I jumped on it immediately, and

the fellow accepted my offer. He agreed to notify me as to the shipping cost, which I would include in the check I was to send. After a long wait (3 weeks), I sent him email and asked what had happened. He said that the shipping alone would run over \$100 using a Mailboxes 'R Us type outfit and that he thought I would not want the unit at that price.

What I _think_ actually happened is that he realized that he could get a much higher price for the generator than he agreed to sell it to me for. In fact, he now says that he cannot ship the unit any other way and that it must be picked up.

I have quite a large collection of signal generators already. This one, while likely nicer than my ancient TS-413B/U, is not worth the excessive shipping fees he is demanding. Rather than see the guy list it again on Usenet at a much, much higher price, I would rather see it sold to someone on the Boatanchors list for what he agreed to sell it to me.

I am not intimately familiar with this generator, but I believe it has a calibrated attenuator and output meter and operates from around 30 kHz to 30 MHz. The fellow said it works but I have no idea how well. He said he could hear the output on an AM radio and the dial was within 5 kHz. But even a non-working unit would be worth more than the agreed upon price.

So if anyone within pick-up distance of Northern NJ wants this signal generator, please contact me at the address below. I would rather see a list member get it than let the fellow out of his deal (which I would have done if he had asked rather than hoping I would forget).

73, Barry WA4VZQ ornitz@tricon.net

\$signal generator is signal generator but without SIGNAL as the first word in the line.

To: Old Tube Radios <boatanchors@theporch.com>
Cc: boatanchors@theporch.com
Date: Sat, 16 Jan 1999 02:04:35 CST
Subject: Re:
Message-ID: <19990116.020532.3502.7.jackiv@juno.com>
From: jackiv@juno.com (John M Iverson)

you have an excellent example of the old "globe" style tube. the newer are called "ST" which is "S" for the bottom part and "T" for the top. S means sign or tapered and T is tubular. confusing ?? The 80 is possibly the longest life design tube in existence, replaced by the 5Y3gt the octal based version. jack
Jack Iverson K0EWU jackiv@juno.com
ARRL, IEEE LM, RCA, AMI, ARCI, QCWA

On Fri, 15 Jan 1999 19:32:24 -0500 (EST) JOHN_SEHRING.parti@ecunet.org
(JOHN SEHRING) writes:
>To: boatanchors@theporch.com
>
>I've unearthed a very old type 80 rectifier tube.
>
>It hasn't got the traditional "double bulb" shape of the 80's I've
>seen.
>It has an inverted cone shape & round top that looks like the shape of
>all
>the early (ca. 20's) tubes I've seen. Internal construction is also
>very
>different from later 80's. Says on base, "Majestic G - 80 -".
>
>Checks aok on my ancient emission type tube tester.
>
>Is this worth something extra? Thanks.
>
> -John Sehring (2:15 pm Fri, Jan 15, 1999 @ Custer SD USA) UCC WB2EQG
> "Live long and prosper" --John 10:10b
>
>

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or call Juno at (800) 654-JUNO [654-5866]

Message-Id: <v0310280bb2c640570e2d@[134.53.65.12]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Sat, 16 Jan 1999 09:27:18 -0400
To: Old Tube Radios <boatanchors@theporch.com>
From: Jim Garland W8ZR <4CX250B@miavx1.acs.muohio.edu>
Subject: Thanks to List members, re request for help

Hi Gang,

A few days ago I posted a request for someone in the Cleveland area to help out an elderly ham buddy of mine. The years (ninety, to be exact!) had made it difficult for my friend, Elmer, to stay on top of the gremlins which kept attacking his rig.

I was greatly touched by the outpouring of support for my friend from List members, and I'm very pleased to report that because of your efforts a ham in Elmer's neighborhood has been found, who will gladly keep an eye on

Elmer and help keep him on the air. Many thanks to those who made suggestions and expressed their thoughts on Elmer's situation. Several List members pointed out that helping fellow hams is an obligation we all bear -- that none of us are immune from the ravages of age, that one day, God willing, we are likely to find ourselves in the same situation as Elmer, and that what goes around comes around. To my mind, you've all exemplified the true spirit of amateur radio. Thanks to everybody.

73,

Jim Garland W8ZR

Message-ID: <36A0A1E4.E6AA3B68@ix.netcom.com>
Date: Sat, 16 Jan 1999 08:27:48 -0600
From: David Stinson <arc5@ix.netcom.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Conditioning tubes, how to?
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Jim/All:

On De-Gassing tubes with getters, like sweeps--
Here's what I've done with about a 70% success rate.
Get ready to cring!

If the gentler treatment from ER doesn't work,
go to your gas stove. Turn on the flame.
Put the tube over the flame and "roast" it like
shrimp on a spit! I mean actually let the flame
touch the envelope, getting the getter flash hot.
Turn it to keep the heat even. Don't melt the
glass... you don't have to get it that hot ;-).
Set it aside, preferable on a wire rack, and
leave it alone for an hour.
I've never had to get one so hot the plate cap
came off, but be ready for that. You can resolder it.
I used to try "roasting" them in the oven, but
the success rate was only about 30%. Just not
enough heat.

Getting the getter flash very hot seems to
"break the crust" (?) on its surface and allow
unused material to be activated. Our resident
experts in such materials probably know what's
actually happening. I only know that it works.

A certain creep sold me three "matched pairs" of audio power tubes. One tube in each pair was very gassy--nice guy, huh? I did this treatment and recovered two of the three. One of them took three separate treatments to get all the gas.

As Barry pointed-out, in some cases this might make the problem "worse," and I have occasionally seen it get worse after this treatment. However--the tube is "dud" to start with, so making it "more dud" isn't hurting anything ;-). This treatment might seem drastic but you certainly have nothing to lose.

Good luck with it,
73 Dave Stinson AB5S
arc5@ix.netcom.com

From: zeitler@ibm.net
Message-ID: <009701be415d\$470311a0\$5f292581@km3g>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Looking for an SX-28A
Date: Sat, 16 Jan 1999 06:34:05 -0800
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

For personal use. Must be a decent unit that cosmetically is okay. Does not have to be perfect. Electrically must be operational. Plan on using it in my study room. I have NO time for a restoration project.

Reply via private e-mail.

Lane
Kilo United Seven India

Mime-Version: 1.0
Date: Sat, 16 Jan 1999 09:25:58 -0800
Message-ID: <0021B575.1914@svlima.sv.sc.philips.com>
From: Brian.Harris@sv.sc.philips.com (Brian Harris)
Subject: free military crystals
To: Old Tube Radios <boatanchors@theporch.com>
Content-Type: text/plain; charset=US-ASCII

Content-Transfer-Encoding: 7bit
Content-Description: cc:Mail note part

While cleaning out my crystal drawer I found four military crystals that I know I will never need so I thought I would offer them (free) to anyone that wants them.

These are small cylindrical units that snap sideways into their holder.

2 each CR-24/U 27.700 MHz

1 each CR-24/U 50.5 MHz

1 each CR-9/U 21.4917 MHz

73, Brian WA5UEK

Date: Sat, 16 Jan 1999 10:56:48 -0500
From: polepeeg@aa4rm.ba-watch.org (Marty's Refl. Drop)
Message-Id: <199901161556.KAA04501@aa4rm.ba-watch.org>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: "ST" = "shouldered tubular"

That's what I've read a bunch.

Date: Sat, 16 Jan 1999 10:55:27 -0500 (EST)
From: "Roberta J. Barmore" <rbarmore@indy.net>
To: Old Tube Radios <boatanchors@theporch.com>
cc: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Conditioning tubes, how to?
Message-ID: <Pine.SUN.3.96.990116101348.13731A-100000@indy3>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi!

On "cooking" tubes to get rid of the gas:

The success of this depends on several things.

First off, if the maker was stingy with getter--or if all of it was "got" when flashed during manufacture, trying to cook it again won't help. This is especially likely with receiving tubes.

Second, as Barry Ornitz points out, while *some* gasses can be taken up by normal receiving-tube plate materials, low-grade tubes can have poorly

de-gassed materials in 'em already. So depending on a number of variables, things can get better or worse.

Third, some *transmitting* tubes use tantalum for the anode. This is a good thing; the chemistry of it I can't explain very well, but tantalum's pretty "hungry" stuff, and tends to have some "gettering" action by itself. Heat it up, and it slurps up the gasses. Many--but not all--of the big, glass transmitting bottles have tantalum plates. (Other materials include graphite/carbon, which I don't think is all that eager to grab gases).

Last of all, *where* you apply the heat depends on what kind of tube it is. Attempting to get the last bit of good from the flash in a receiving tube, Dave Stinson's envelope-cooking puts the fire where it does the most good; doing the same trick on, oh, a TW-series Taylor xmtg bottle (which I do believe did use The Wonder Metal for the plates), you'd wanna get that tantalum plate plenty warm and setting up DC conditions where there'd be some energy dissipated by the plate is a good way to accomplish it.

Back in my ill-spent youth, spinning platters, mangling wirecopy news, and chasing RF around small-time radio stations, we'd either leave the fils in the "big" (250 to 1kW) AM rig on all the time, or give it a nice long warm-up, a half-hour or more. Those rigs used big glass power tubes in the modulators & RF finals, almost certainly with tantalum plates, and I suspect we were getting a little "getter" action just from the fil heat! The tubes in those rigs were uncommonly long-lived. (Though great credit is due the oversized packaging and serious airflow, as well).

Times change--the *massive* (25kW out) IOT tube (strange offspring of a shotgun marriage between a tetrode and a klystron, and I think they broke up soon after the IOT was born, poor critter) in the DTV rig came with a major warning not to run the fil alone with no B+ on the tube for more than twenty minutes! Why? Well, it voids the warranty...because fil emission is so high and grid spacing so close that the thing will blow the surface off the filament and deposit junk on the (very fine-mesh) grid! They come with built-in connections for an ion pump--you apply about 1kV to the terminal, and it keeps the vacuum pure as the day it was put in.

(But you don't want one of these tubes in your Desk Kilowatt--the output cavities would be just a wee bit big in the HF region, and the water-cooling gear and HV supplies would break the budget! Throttling it back to the amateur limits might present a problem, too).

Back to the main topic, I strongly suspect that TV sweep tubes pushed hard in RF amplifier service are generally not good prospects for home degassing; if they're being pushed harder than RCA/GE/etc. intended, the possibility of release of pre-existing occluded gasses is high. The plate material is not likely to be especially exotic, and the getter was applied with an eye to the bottom line (as in, "no more than it takes!"). The usual precautions recommended for such tubes in the equipment manuals--don't take too long getting the amp tuned, don't see how much

more than the rig's rated output you can get before they melt, etc.--and the fact that they were not designed for RF PA service suggest this as well. Doesn't mean you shouldn't try; there's nothing to lose if the tubes are NG as they stand! But expectations shouldn't be too high.

73,
--Bobbi

KB9GKX "RJ" rbarmore@indy.net Roberta J. (Bobbi) Barmore
FISTS #3388 * G-QRP #10001 * ARRL * RSGB * WIA
Appreciator Of Vacuum-Tube Ham Gear and Vintage Keys

Date: Sat, 16 Jan 1999 11:02:57 -0500
From: polepeeg@aa4rm.ba-watch.org (Marty's Refl. Drop)
Message-Id: <199901161602.LAA04518@aa4rm.ba-watch.org>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: De-Gassing Power Tubes

Now I may have started this with the bias supply / fil. xfrm'r / oven
xfrm'r plate supply squib on testing & degassing big tantalum anode
power tubes (100th / 250th). NOT gettered things.

Tantalum anode mfg'r. attraction was they didn't need gettering because the
tantalum adsorbs O2 @ red & hotter temp.s

But sometimes not enuf can be adsorbed if, for example, there's been
a long term glass-to-metal seal leak somewhere (vacuum's been part-
released)

& all that talk & it doesn't seem anyone's noted glass-to-metal seal leaks
as a tube failure mode.

I've heard it is, wonder if it's true?

Marty

Message-ID: <36A0C2AB.412A7F96@idirect.com>
Date: Sat, 16 Jan 1999 11:47:40 -0500
From: Jerry Proc <jproc@idirect.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
CC: boatanchors@theporch.com
Subject: Re: Conditioning tubes, how to?
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

David Stinson wrote:

> "break the crust" (?) on its surface and allow
> unused material to be activated. Our resident
> experts in such materials probably know what's
> actually happening. I only know that it works.
>

Hi Dave,

Actually you nearly explained how it works in your post :-)
When the tube is first made, magnesium is affixed to the getter.
The tube is then exposed to an intense RF field. This causes the
magnesium to ignite and react "burn off" any residual gas after the
tube
is evacuated. Perhaps in some tubes, the magnesium does not burn
efficiently
and leaves behind trace deposits. If you then heat the tube again at a
later date,
these trace amounts
of unburned magnesium are activated and may be enough to degas the tube.

In other tubes, all of the magnesium may have been consumed initially,
hence the reason for why some tubes can be recovered and some tubes
won't.

That's my theory.

--

Regards,
Jerry Proc VE3FAB jproc@idirect.com
Web: www3.sympatico.ca/hrc/haida
HMCS HAIDA Naval Museum, Toronto Ontario

Message-ID: <36A0D648.159948A1@tcsourceone.com>
Date: Sat, 16 Jan 1999 11:11:20 -0700
From: "Wallace Gibbons" <rockwall@tcsourceone.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Knight T-60 FS
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Greetings,

I have a Knight T-60 for sale. Condition is, grey cabinet is dirty, a few scuffs, paint missing (on edges) in a few places, piece of black tape stuck to the top. Front panel is nice but is missing the function knob. Rear panel is a little dirty, and slightly bent at the bottom. Would pull in nicely with the bottom two chassis screws. Internal chassis parts have been labeled with a permanent marker (sharpie). Very nicely wired. Most parts look original.

I brought it up slowly on a variac, and it works. Puts out 35 watts on 80 and 40 meters. Didn't try AM.

Asking \$75 and I'll ship. Or if you have an interesting trade, such as a working FM tuner that uses octal tubes, I may swap.

Wally Gibbons
rockwall@tcsourseone.com

Date: Sat, 16 Jan 99 12:43:28 -0700
Message-Id: <9901161943.ZZ487297@acs6.acs.ucalgary.ca>
From: "Deane D McIntyre" <dmcintyr@ucalgary.ca>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: On line tube info

In message <9901152250.ZZ032002@acs6.acs.ucalgary.ca> "Deane D McIntyre"
> Anyhow go to <http://deane.bio.ucalgary.ca/tube.pdf> and let me know
> what you think. This contains the data for 6JL8 to 6KT8 and is 1MB in size.

Well it seems that my experiment worked...except for one problem:file size. So I did some experimenting and it seems that the .gif format is the best without losing resolution. So I have posted the data as <http://deane.bio.ucalgary.ca/tube.gif> (140 kB vs over 1MB for the tube.pdf file).

Let me know what you think and I will (eventually!) get around to scanning the rest.

73, Deane D McIntyre VE6BP0
dmcintyr@ucalgary.ca

From: W0E0M@aol.com

Message-ID: <e698b0bb.36a0fbcd@aol.com>
Date: Sat, 16 Jan 1999 15:51:25 EST
To: Old Tube Radios <boatanchors@theporch.com>
Cc: boatanchors@theporch.com
Mime-Version: 1.0
Subject: Re: 4-65A date ?
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Pete - I have a data sheet on this tube dated 1954 and which refers to Jan 53 issue. A search of QST's in this period might have introduction date.

73, Will

Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: Old Tube Radios <boatanchors@theporch.com>
From: Sandy W5TVW <ebjr@worldnet.att.net>
Subject: UTC 30 watt modulation xfmr...
Message-Id: <19990116205636.EFVV12230@LOCALNAME>
Date: Sat, 16 Jan 1999 20:56:36 +0000

Anybody got the connections/pinout for the UTC S-19 Universal 30 watt modulation transformer?

73,
Sandy W5TVW

Content-return: allowed
Date: Sat, 16 Jan 1999 16:13:00 -0500
From: "Owens, Clarence" <owensc@nebeng.otis.com>
Subject: Re: De-Gassing Power Tubes
To: Old Tube Radios <boatanchors@theporch.com>
Message-id: <0F5000LM08DYZQ@mailman.otis.com>
MIME-version: 1.0
Content-type: text/plain

Hi Marty and The Group,

I think it may be true that the seals can fail over the years, even without use.

I've been doing a very informal survey of VT-4C/211 tubes since I got my good BC-375E and noted only one of the 211's had any silvery getter left at all. I've since bought 6 more with decent looking getters (4 in a scrap 375 that didn't make the move here to Bloomington). Last year at Dayton I saw a

box of them for sale as NOS with widely varying amounts of silver vs. milky getter. Seems like the sealing technology in use at GE for those tubes was pretty poor. But I suppose the life expectancy for tubes and operators in actual use was so short that nobody ever noticed any problems.

Also, about three years ago I tested the seven 829B's that I had, all NIB and three had no silver left and boy did the filaments do strange things when I put them in the TV-10! Since then I've bothered to open a few 829 boxes at hamfests and noted about the same percentage of "leakers".

All very informal but seeing the getters disappearing on apparently unused tubes makes me think about leaking seals.

73, Clare Owens N2RJB

From: polepeeg@aa4rm.ba-watch.org
To: Old Tube Radios
Subject: Re: De-Gassing Power Tubes
Date: Saturday, January 16, 1999 11:02AM

<snip>

But sometimes not enuf can be adsorbed if, for example, there's been a long term glass-to-metal seal leak somewhere (vacuum's been part-released)

& all that talk & it doesn't seem anyone's noted glass-to-metal seal leaks as a tube failure mode.

I've heard it is, wonder if it's true?

Marty

Message-ID: <36A0E876.C38B0E4B@globetrotter.net>
Date: Sat, 16 Jan 1999 15:28:55 -0400
From: luc dugas <collins2@globetrotter.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: berkeley power supply
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

i hesitate to take it apart. it deliver + 400 volts and -400 volts. it is 2 identical power supply on the same rack for a total of 12 tubes 4x 866a 4x 6080 2x 5651 2x 12ax7. it has a (2.5 at 10 amp and a 6.3volts at .6 amp) filament transformer. does someone can find a use for it? luc ve2lgj 73s

From: AA5QT@aol.com
Message-ID: <f797187c.36a11037@aol.com>
Date: Sat, 16 Jan 1999 17:18:31 EST
To: Old Tube Radios <boatanchors@theporch.com>
Cc: boatanchors@theporch.com
Mime-Version: 1.0
Subject: FS: E F Johnson TR Switch
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Case and front are like new. Cord (original) is frayed. All original, no mods. \$65 plus shipping.

73, Gary Youney K5QT

To: Old Tube Radios <boatanchors@theporch.com>
Cc: boatanchors@theporch.com, jackiv@juno.com
Date: Sat, 16 Jan 1999 16:24:47 CST
Subject: Re: "ST" = "shouldered tubular"
Message-ID: <19990116.164954.7166.1.jackiv@juno.com>
From: jackiv@juno.com (John M Iverson)

Jack Iverson K0EWU jackiv@juno.com
ARRL, IEEE LM, RCA, AMI, ARCI, QCWA

On Sat, 16 Jan 1999 10:56:48 -0500 polepeeg@aaa4rm.ba-watch.org (Marty's Refl. Drop) writes:

>

>That's what I've read a bunch.

>

so I goofed agin. was relating a comment from the GE place in cleveland,
sorri,-(jack

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Date: Sat, 16 Jan 1999 15:01:41 -0800 (PST)
Message-Id: <2.2.16.19990116150113.0edfd74e@pop.igc.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: Old Tube Radios <boatanchors@theporch.com>

From: Dick Dillman <ddillman@igc.apc.org>
Subject: FS: NIB 51J-4 Dial Drum

51J-4 Dial Drum Assembly - New, unused, in original box and packing, consisting of dial drum with shaft and spring and pulley on the right side of the drum. The box is marked "DIAL CAMP, 1 EACH, N600(62387)56611, COM.-10-61, COL. P/N 504 3097 00". As-new.

\$125 plus UPS VersaPak packing and shipping from San Francisco 94110

Dick Dillman
<ddillman@igc.apc.org>
WPE2VT W6AWO
Collector Of Heavy Metal:
Harleys, Willys and Radios Over 100lbs.

Date: Sat, 16 Jan 1999 15:01:39 -0800 (PST)
Message-Id: <2.2.16.19990116150112.45efb7bc@pop.igc.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: Old Tube Radios <boatanchors@theporch.com>
From: Dick Dillman <ddillman@igc.apc.org>
Subject: FS: Miniature Key

Miniature Telegraph Key - This small key appears to be military in origin. The black plastic base measures 3" x 1.5". There are four small rubber feet on the base to prevent it from slipping on the operating table. A metal cover with black wrinkle finish and a snap fastener on top slides over the base to protect the key but leave the operating knob exposed. An unverted U shaped notch at the rear of the cover provides for the exit of the keying lead (not included). The key mechanism is made mainly of plated brass and consists of a flat arm with rear pivot and adjustments for tension and spacing. In excellent condition in original cardboard box.

\$50 plus shipping from San Francisco 94110

Dick Dillman
<ddillman@igc.apc.org>
WPE2VT W6AWO
Collector Of Heavy Metal:
Harleys, Willys and Radios Over 100lbs.

Date: Sat, 16 Jan 1999 15:01:46 -0800 (PST)
Message-Id: <2.2.16.19990116150119.0edfe102@pop.igc.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: Old Tube Radios <boatanchors@theporch.com>
From: Dick Dillman <ddillman@igc.apc.org>
Subject: FS: Jackson Tube Tester

Tube Tester, Jackson model 49 Customatic - General purpose tube tester with sockets for octal, loktal 9 pin and 7 pin tubes. Large central meter reading good/bad, % of normal and filament current. 11 lever switches set the parameters for the tube under test according to integral roll chart. Large maroon knobs for setting filament and plate voltage, smaller ivory knob for setting line voltage. Ivory Press to Test button. Removable panel to the left of the meter allows the installation of special "Jackson Accessory Units". In gray hammertone finished steel case 5-1/2"h x 14"w x 10-3/4"d with strap type leather handle. Operating instructions on inside of case lid. Complete schematic on inside bottom of case. Unit is not operational. Appears to have open resistor on one side of meter circuit. Meter is good. Case is in good condition with some small scuffs. Inside is very good with no cracks or fogging of plastic meter case. Worthy of repair.

\$15 plus UPS VersaPak packing and shipping from San Francisco 94110

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End of BOATANCHORS Digest 2383
